

Enforcement

2009-2010 Seattle Police Department Traffic Section Citations

Type of Infraction*	2009	2010
Pedestrian infraction	1,274	1,570
Warnings	3,557	5,071
School Zone-related	3,727	1,468
Moving Violations	29,347	27,384
Right of Way to Pedestrians	406	197
Right of Way to Vehicles	140	165
Signal/Stop Sign	2,226	2,172
Speeding	20,868	19,323
Aggressive Driving	1,740	1,884
Turns	2,816	2,047
Negligent Driving	160	157
Reckless Driving	26	25
Inattention to Driving	186	335
HOV lanes	779	1,079

Source: SPD Traffic Section Citation Data
*Data does not include transportation mode of person receiving citation

Traffic Safety Resources

Links to these resources are available at <http://www.seattle.gov/roadsafety>

Local and Regional Information
Public Health – Seattle & King County’s Traffic Safety website
King County Overweight Prevention Initiative
Target Zero: WA Strategic Highway Safety Plan
Washington Traffic Safety Commission

Seattle Department of Transportation Resources
Holiday Pedestrian Safety Campaign
Safe Routes to School Program
Pedestrian Master Plan
Bicycle Master Plan
Bike Smart Program
Aurora Traffic Safety Project
Rainier Traffic Safety Project
Traffic flow data and maps
2006 Pedestrian Collision Report
2007 Pedestrian and Bicycle Collision Report
2008, 2009, and 2010 Traffic Reports

National Information
AAA Foundation for Traffic Safety
AARP Driver Safety Program
Centers for Disease Control and Prevention
FHWA Pedestrian Safety Strategic Plan
National Center for Safe Routes to School
National Highway Traffic Safety Administration
National Complete Streets Coalition
Pedestrian and Bicycle Information Center

ROAD SAFETY SUMMIT

Fall 2011

The city of Seattle is convening a community conversation about road safety.

Working together, we will develop a shared citywide commitment to safety and an action plan that will lead to safer streets for all. Over a series of public forums and other outreach, Seattleites and others are invited to give their feedback on three questions:

- 1. What do you think are the highest priority safety problems to solve on Seattle roads?
- 2. What do you think are the most important things to do to make Seattle roads safer?
- 3. We often talk about what government can do to promote safety. What are the ways that non-governmental groups and individuals can also promote safety?

In this handout we provide background data that will help inform the dialogue around road safety.

Traffic safety: a public health concern

Over a five year timespan in King County, motor vehicle collisions were the cause of 124 deaths each year. For people ages 5 to 24, motor vehicle collisions are the leading cause of death in Washington State*. These numbers can and should be much lower. In fact, substantially reducing traffic safety deaths and injuries has been declared a “winnable battle” by the Centers for Disease Control (CDC).

Leading Causes of Death, King County, 5-year average (2003-2007)*	
1. Cancer	2,798
2. Heart Disease	2,608
3. Stroke	776
4. Alzheimer’s Disease	659
5. Unintentional Injury**	587

During the same time period, an estimated 2,608 people in King County died because of heart disease, resulting from poor diet and physical inactivity. Safe roads make it easier for adults and children to get daily physical activity, which contributes to better health. Right now, 26 percent of adults and 80 percent of middle and high school youth don’t get enough physical activity.

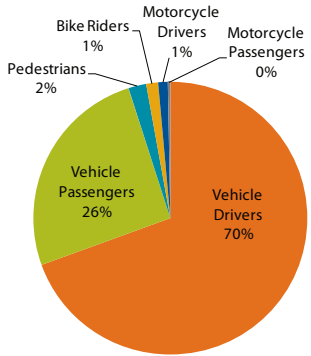
What’s happening on Seattle roads

The charts below list total collisions by type of collision, who was involved in them, and the ratio of serious injuries and fatalities (from left to right). Parked car collisions are the most common type of collision. Even though there are fewer pedestrian and bicycle collisions overall (529 and 366, respectively, in 2010) they’re more likely to be severely injured or killed.

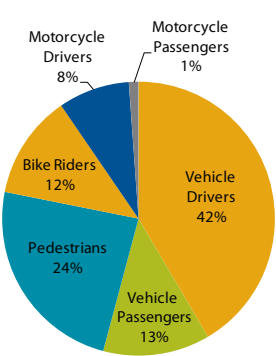
2010 Total Collisions by Collision Type

Collision Type	Total Collisions	% of All Collisions
Parked Car	2,462	21%
Right Angle	1,940	16%
Rear End	1,782	15%
Turning Vehicle	986	8%
Sideswipe	966	8%
Hit Object	814	7%
Other	584	5%
Pedestrian	529	4%
Bicycle	366	3%
Head On	46	0%
Unknown	1,438	13%
Grand Total	11,913	100%

Percent of People Involved in Collisions by Mode 2007-2010



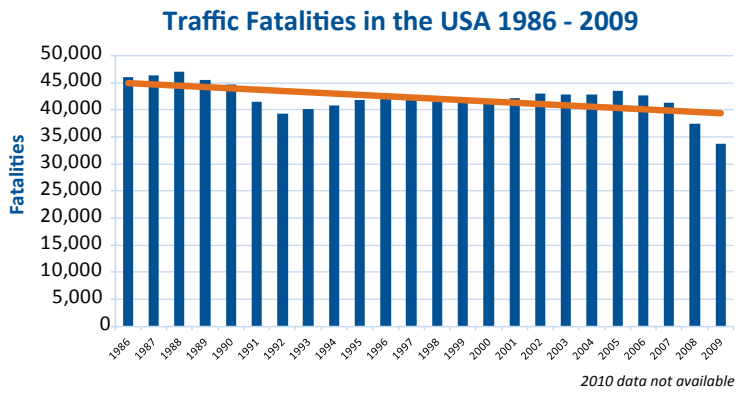
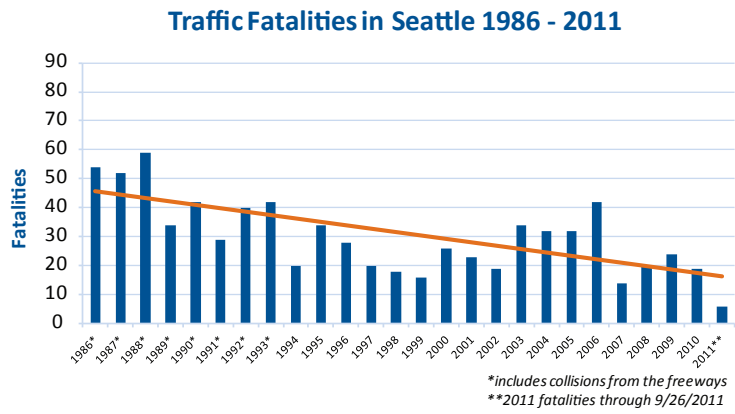
Serious Injuries and Fatalities 2007-2010



*Source: Death Certificate Data, Washington State Department of Health, Center for Health Statistics.
**Motor vehicle collisions account for an average of 124 deaths per year in this category

Collisions in Seattle, 1986-2011

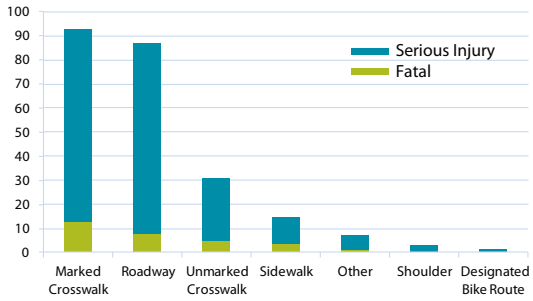
There were 19 traffic fatalities in 2010. In 1986 there were 54.



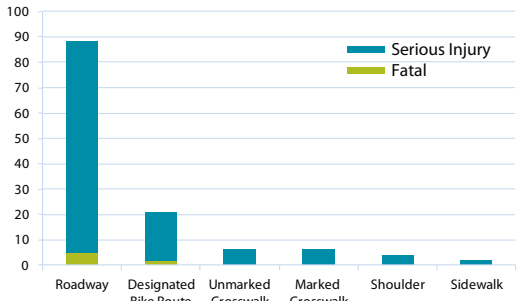
Where

Where are pedestrians and bicyclists when a collision occurs?

Location of Pedestrian in Pedestrian-involved Collisions 2007 - 2010



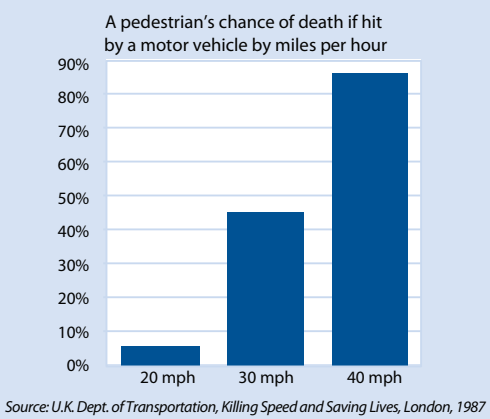
Location of Cyclist in Cyclist-involved Collisions 2007 - 2010



What causes collisions and fatalities?

Speed, impairment of driving by drugs or alcohol, not granting the right of way, and inattention are some of the top factors in collisions and fatalities.

Pedestrian Fatalities and Speed of Vehicle



Impaired Driving

Seattle: Impaired Driver-Involved Fatalities by Year

Year	Fatalities	% of Total Fatalities
2007	7	35.0%
2008	11	45.8%
2009	12	40.0%
2010	13	52.0%

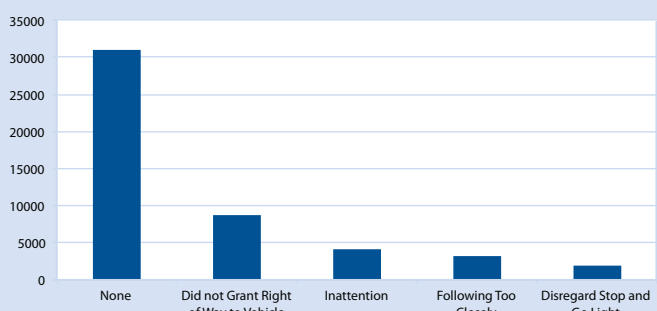
Source: FARS, 2010 data is preliminary; prepared by WTSC on 10/17/2011

Seattle: Impaired Driver-Involved Serious Injuries by Year

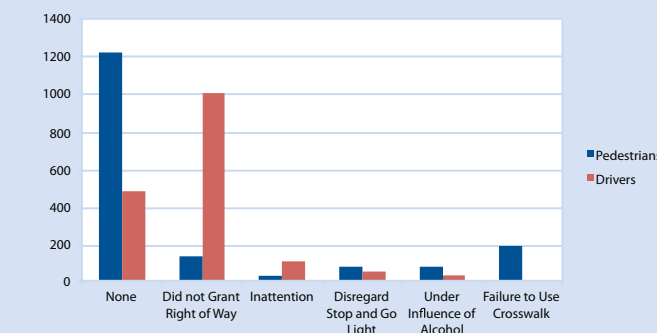
Year	Serious Injuries
2007	281
2008	241
2009	253
2010	254

Source: WSDOT Collision Database as of 10/5/2011

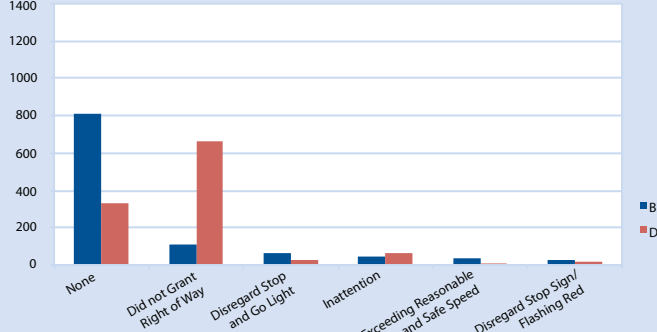
Top Contributing Circumstances to All Collisions 2007-2010



Top Contributing Circumstances to Pedestrian Collisions 2007-2010



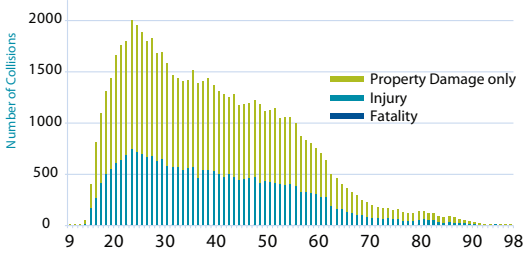
Top Contributing Circumstances to Bicycle Collisions 2007-2010



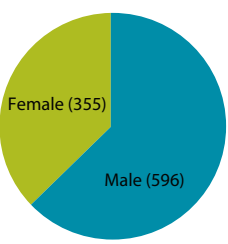
Who

Who is involved in all collisions?

Driver Age for All Collisions 2007 - 2010



All Fatal and Serious Injury by Gender 2007 - 2010

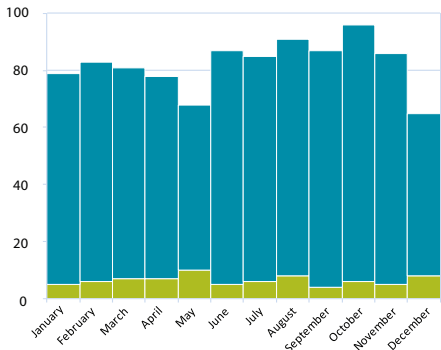


When

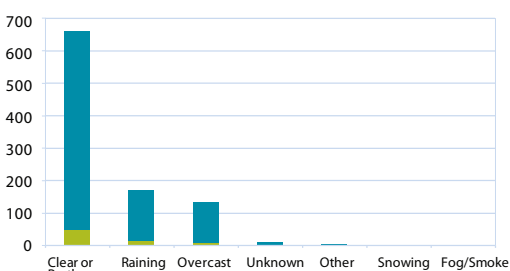
What time of day, what months, and what are the conditions like when fatalities and serious injuries occur?

Serious Injury
Fatal

Number of Fatalities and Serious Injuries by Month 2007 - 2010



Number of Fatalities and Serious Injuries by Weather 2007 - 2010



Number of Fatalities and Serious Injuries by Time of Day 2007-2010

